

ABSTRACT OF THE DISCLOSURE

A potential difference is applied between
a movable electrode disposed a facing surface of
a movable member, which the facing surface confronts
5 a substrate extended in a predetermined direction or
a vibrating member supported on the substrate
vibratably in the predetermined direction, and
a counter electrode disposed on the substrate or
the vibrating member so as to confront the movable
10 electrode. The applied potential difference causes
an electrostatic force to act such that an apparent
friction between the vibrating member and the movable
member is greater than an apparent friction between the
substrate and the movable member when displacing the
15 vibrating member in a desired direction relatively on
the substrate by vibrating in the predetermined
direction, and thereby the movable member is relatively
moved in the desired direction on the substrate.